

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

---

In re Patent Application of:

Lars Langemyr *et al.*

Customer No. 22204

Application No. 10/042,936

Confirmation No. 4595

Filed: January 19, 2002

Art Unit: 2123

For: A METHOD FOR ASSEMBLING THE FINITE  
ELEMENT DISCRETIZATION OF  
ARBITRARY WEAK EQUATIONS  
INVOLVING LOCAL OR NON-LOCAL  
MULTIPHYSICS COUPLINGS

---

Examiner: Luke R. Osborne

**AMENDMENT AND REQUEST FOR RECONSIDERATION**

Mail Stop Amendment – via EFS  
COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

Dear Commissioner:

Applicants submit this Amendment and Request for Reconsideration in response to the non-final Office action mailed on July 22, 2008. The shortened statutory period for response to the non-final Office action is three months from the mailing date, i.e., by October 22, 2008. The Applicant is concurrently filing a Petition for Extension of Time, extending the deadline for response to December 22, 2008, and thus, this response is timely. Please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the **Listing of Claims** that begin on page 2 of this paper; and

**Remarks/Argument** begin on page 17 of this paper.